## **AMENDMENTS TO THE CLAIMS**

The following listing of claims will replace all prior versions and listings of claims in the application.

## **LISTING OF CLAIMS**

1. (Currently Amended) A cholesteric liquid crystal driving device comprising:

a detection circuit for detecting a first scanning line and a second scanning line, wherein, in image data having two or more gray levels to be displayed by a plurality of cholesteric liquid crystals provided at intersections of a plurality of scanning lines and a plurality of data lines, the orientation of each of the plurality of cholesteric liquid crystals being defined in a P-orientation, an F-orientation, or an H-orientation in accordance with a voltage between the corresponding scanning lines and the corresponding data lines, one part of the image data corresponding to a cholesteric liquid crystal on the first scanning line has different gray levels other than a halftone and another part of the image data corresponding to a cholesteric liquid crystal on the second scanning line has the same gray level other than the halftone;

a first driving circuit for displaying, on the basis of a detection result for the first scanning line by the detection circuit, the one part of the image data to be displayed by the cholesteric liquid crystal on each of a plurality of first scanning lines by driving the cholesteric liquid crystal on each of the plurality of first scanning lines in accordance with a first cycle including consisting of a reset period for resetting the cholesteric liquid crystal in the H-orientation, a selection period for selecting the cholesteric liquid crystal, which is reset in the H-orientation, in a TP orientation, and a holding period for holding

the cholesteric liquid crystal, which is selected in the TP orientation, in the F-orientation and in accordance with a second cycle including consisting of a reset period for resetting the cholesteric liquid crystal in the H-orientation, a selection period for selecting the cholesteric liquid crystal, which is reset in the H-orientation, in the H-orientation, and a holding period for holding the cholesteric liquid crystal, which is selected in the H-orientation, in the P-orientation and by sequentially selecting and driving the plurality of first scanning lines using a pipeline system such that the selection periods do not overlap with each other during each of the reset period, the selection period, and the holding period in the first and second cycles; and

a second driving circuit for displaying, on the basis of a detection result for the second scanning line by the detection circuit, the other part of the image data to be displayed by the cholesteric liquid crystal on each of a plurality of second scanning lines by driving the cholesteric liquid crystal on each of the plurality of second scanning lines in accordance with a third cycle including consisting of a reset period for resetting the cholesteric liquid crystal in the H-orientation and a holding period for holding the cholesteric liquid crystal, which is reset in the H-orientation, in the F-orientation or in accordance with a fourth cycle including consisting of a reset period for resetting the cholesteric liquid crystal in the H-orientation, the cholesteric liquid crystal, which is reset in the H-orientation, being transit to the TP orientation at the end of the reset period, and by collectively selecting and driving the plurality of second scanning lines during each of the reset period and the holding period in the third and fourth cycles or by sequentially selecting and driving the plurality of second scanning lines by shifting by the selection period during each of the reset period and the holding period in the third and fourth

cycles.

2. (Currently Amended) A cholesteric liquid crystal driving method comprising:

a detection step of detecting a first scanning line and a second scanning line, wherein, in image data having two or more gray levels to be displayed by a plurality of cholesteric liquid crystals provided at intersections of a plurality of scanning lines and a plurality of data lines, the orientation of each of the plurality of cholesteric liquid crystals being defined in a P-orientation, an F-orientation, or an H-orientation in accordance with a voltage between the corresponding scanning lines and the corresponding data lines, one part of the image data corresponding to a cholesteric liquid crystal on the first scanning line has different gray levels other than a halftone and another part of the image data corresponding to a cholesteric liquid crystal on the second scanning line has the same gray level other than the halftone;

a first driving step of displaying, on the basis of a detection result for the first scanning line by the detection step, the one part of the image data to be displayed by the cholesteric liquid crystal on each of a plurality of first scanning lines by driving the cholesteric liquid crystal on each of the plurality of first scanning lines in accordance with a first cycle including consisting of a reset period for resetting the cholesteric liquid crystal in the H-orientation, a selection period for selecting the cholesteric liquid crystal, which is reset in the H-orientation, in a TP orientation, and a holding period for holding the cholesteric liquid crystal, which is selected in the TP orientation, in the F-orientation and in accordance with a second cycle including consisting of a reset period for

resetting the cholesteric liquid crystal in the H-orientation, a selection period for selecting the cholesteric liquid crystal, which is reset in the H-orientation, in the H-orientation, and a holding period for holding the cholesteric liquid crystal, which is selected in the H-orientation, in the P-orientation and by sequentially selecting and driving the plurality of first scanning lines using a pipeline system such that the selection periods do not overlap with each other during each of the reset period, the selection period, and the holding period in the first and second cycles; and

a second driving step of displaying, on the basis of a detection result for the second scanning line by the detection step, the other part of the image data to be displayed by the cholesteric liquid crystal on each of a plurality of second scanning lines by driving the cholesteric liquid crystal on each of the plurality of second scanning lines in accordance with a third cycle including consisting of a reset period for resetting the cholesteric liquid crystal in the H-orientation and a holding period for holding the cholesteric liquid crystal, which is reset in the H-orientation, in the F-orientation or in accordance with a fourth cycle including consisting of a reset period for resetting the cholesteric liquid crystal in the H-orientation, the cholesteric liquid crystal, which is reset in the H-orientation, being transit to the TP orientation at the end of the reset period, and by collectively selecting and driving the plurality of second scanning lines during each of the reset period and the holding period in the third and fourth cycles or by sequentially selecting and driving the plurality of second scanning lines by shifting by the selection period during each of the reset period and the holding period in the third and fourth cycles.